IN THE UNITED STATES PATENT AND TRADEMARK OFFICE					
In re Application of:	Shooshtarian, et	al.	)	Group Art Unit:	2823
Serial No:	09/527,873	OIPE	)	Examiner:	Hsein Ming Lee
Filed:	March 17, 2000	DE OCT 1 2 2004	)	Our Client ID:	22827
Confirmation No:	4182	THE WAY WALLEY CAN	)	Our Account No:	04-1403
Title: Localized Heating And Cooling Of Substrates					
Commissioner for Patents U.S. Patent and Trademark Office Post Office Box 1450 Alexandria, VA 22313-1450  RESPONSE  This is a response/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is to be treated as the signature to the attachment in absence of a signature thereto.					
Fee requirements (if any) have been calculated as shown below:					
	Claims remaining	Highest number			
	after	previously Presen	t		Additional
Total Effective Claims	amendment 33 minu	paid for Extra	0	X \$18 =	Fee \$ .00
i otal Effective Claims		5 41 -	0	. A \$10 -	
Independent Claims	5 minu		0	x \$88 =	\$
If amendment enters <u>proper</u> multiple dependent claim(s) into this application for <u>first</u> time, add \$290.00 (per application)					\$ .00
Since Official Action set an <u>original</u> due date of <u>October 6, 2004</u> ,					
PETITION is hereby made for an extension to cover the date this response is filed for which the					
requisite fee is enclosed (1 month \$110; 2 months \$430; 3 months \$980; 4 months \$1530) \$					
If Terminal Disclaimer enclosed, add Rule 20(d) Official Fee (\$110.00)					.00
			SUBT	OTAL:	\$
If "small entity" verified statement filed [ ] previously,					
[ ] herewith, enter one-half (1/2) of subtotal and subtract -					\$
			TOTA	L:	\$
Asses Life and Di		,			¢ 180.00
Other: Information Disclosure Statement					\$180.00
: -\$			TOTA	L FEE ENCLOSED:	\$ 180.00
The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any fees in addition to the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (deficiency only) now or hereafter relative to this application and the resulting official document under Rule 20, or credit any overpayment, to our Account No. shown in the heading hereof for which purpose a duplicate copy of this sheet is attached. This statement does not authorize charge of the issue fee in this case.					
ADDRESS:		DORITY & MANNI	NG	- 34	
Post Office Box 1449 ATTORNEYS AT LAW, P.A.					
Greenville, SC 29602 USA  Customer ID No.: 22827 By: <u>Tara E. Agnew</u> Reg. No: <u>50,589</u> Date: <u>10/06/2004</u>					
Customer ID No.: 2282 Telephone: 864-271-15		Date: 10/06/2004			
Facsimile: 864-233-73		Signature:	UL		gnew -
I hereby certify that this correspondence and any referenced attachment and fee are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, U.S. Patent and Trademark Office,					

Post Office Box 1450, Alexandria, VA 22313-1450, on October 6, 2004.

Sandra S. Perkins

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)